



Introduction of the Technology Agency of the Czech Republic

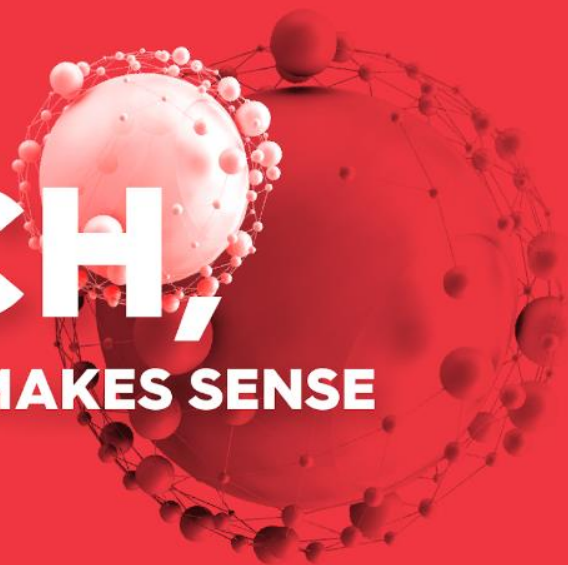
23.01.2025

15 YEARS T A C R

15 YEARS OF SUPPORTING

RESEARCH,

THAT MAKES SENSE



**Organisational
unit of the state
and the
administrator
of a budget
chapter.**

The diagram consists of several elements: a large black hexagon at the top left containing white text; a red text block to its right; a central graphic of five concentric hexagons; a red text block to the left of this graphic; a small black hexagon at the bottom center; and a large circular graphic at the bottom right with concentric black and white segments. Arrows indicate a clockwise flow: from the top hexagon to the right text, from the right text to the central hexagons, from the central hexagons to the bottom hexagon, and from the bottom hexagon to the circular graphic.

**Develops new tools to
support closer
collaboration between
academia, the business
sector and the state
administration.**

ABOUT TA CR

**Prepares and manages state
funding programmes whose
purpose is to stimulate the
interconnection of applied
research with innovative activities
in business.**

TA CR IN NUMBERS

A hand is shown holding a glowing lightbulb, with another lightbulb visible in the background. The entire scene is set against a solid red background. The lightbulbs have a warm, orange-red glow, and the hand is rendered in a darker red tone.

2,04 BILLION EUR

HAS BEEN INVESTED BY THE STATE IN APPLIED
RESEARCH THROUGH TA CR SINCE ITS ESTABLISHED

4 920

SUPPORTED PROJECTS

22

PROGRAMMES

29 692

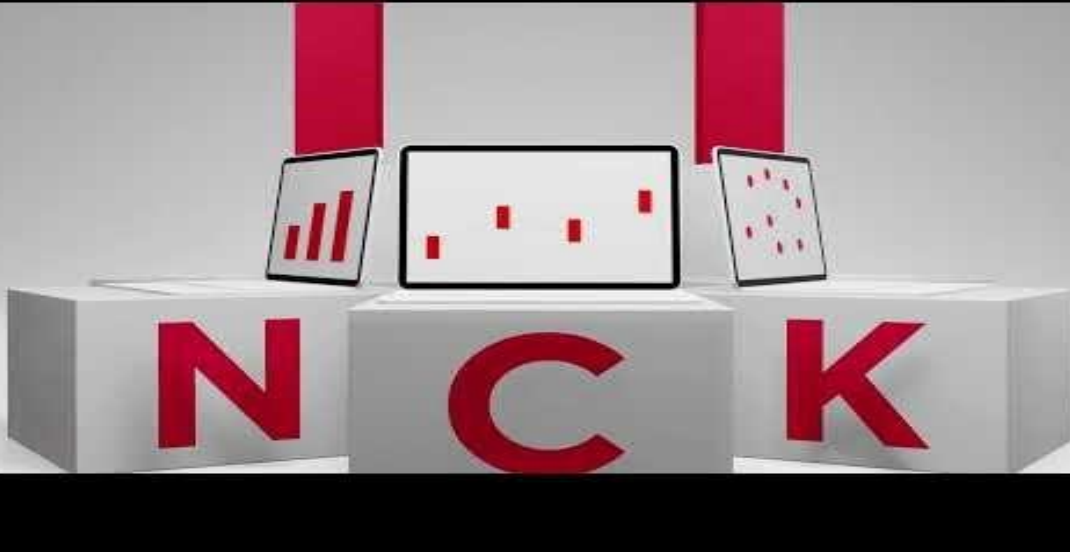
RESULTS OF VARIOUS TYPES

130

CALLS FOR PROPOSALS
ANNOUNCED

Programmes and calls:

<https://tacr.gov.cz/en/programmes/>






SIGMA Programme

A framework funding
programme for applied
research and innovation

OBJECTIVE

- funding leading to the creation of new results applicable in practice, to addressing the challenges and needs of society and the economy, and to addressing systemic measures of the research innovation environment

5 SUB-OBJECTIVES

- a) Activities of so-called pre-application research (SO1)
 - b) Emerging researchers and equalization of opportunities in applied research projects (SO2)
 - c) Supporting the innovation potential of social sciences, humanities, and arts (SO3)
 - d) International cooperation (SO4)
 - e) Cross-section support (SO5)
 - addressing current RDI needs
 - long-term research plans
 - regional innovation ecosystems
 - systemic measures
- 

SIGMA Programme



FOCUS

- a broadly focused programme operating only with essential parameters – thereby gaining flexibility, variability, and efficiency
- fulfilling the objectives of national strategies and at the same time capable of a flexible response to current needs at the time of issuing calls for proposals.

SIGMA Programme



PROGRAMME DURATION
2022-2029

PROGRAMME EXPENDITURES
FROM STATE BUDGET
7 140 MIL. CZK

AVERAGE FUNDING RATE
50-100 % per projects
80 % per programme

APPLICANTS
**research organizations,
enterprises, organisational
units of the state and
territorial self-governing
units**




BETA3 Programme

Funding of applied
research and innovation
for the needs of state
administration bodies

OBJECTIVE

- The main objective is funding of the implementation of research activities for the purpose of developing new or improving current procedures, regulatory mechanisms, supervisory activities, skills, services, information and management products, and procedures intended for better and more efficient performance of state administration. The programme further supports the creation and innovation of models, amendments to legal norms and strategies for current state policy, both in the national and European context.

FOCUS

- The program is aimed at supporting applied research and innovation for the needs of state administration bodies.
 - It contains measures for solving the specific needs of public administration: ad-hoc short-term problems as well as long-term challenges.
 - It categorizes problems, expected results and future impacts.
- 




THETA 2 Programme

Modernization of the energy sector including research in the public interest and energy strategies

OBJECTIVE

- **to contribute to the transformation and modernization of the energy sector** through the outputs, results and impacts of funded projects, both by preparing innovative technologies, technical solutions, and approaches applicable in the energy sector, as well as by creating analyses for decision-making in the energy sector and improving the quality of the regulatory framework

SUB-PROGRAMMES

- a) Research in the public interest (PP1)
 - b) Energy technologies to enhance competitiveness (PP2)
 - c) Technology to ensure the long-term sustainability of the energy industry (PP3)
- 



TREND Programme

A programme of the Ministry of Industry and Trade to fund industrial research and experimental development

- **implemented by the TA CR**, while the objective is to use the best practices of both organizations
- **focused in particular on increasing the international competitiveness of companies**, primarily by expanding their markets abroad, penetrating new markets, or moving higher in global value chains

SUB-PROGRAMMES

- a) Technology leaders (SP1)
- b) Newcomers (SP2)





TRANSPORT 2030 Programme

A programme of the Ministry of Transport to fund the transport sector in a way that will reflect social needs, accelerate the technological and knowledge development of the Czech Republic and thus help increase its competitiveness


MAIN OBJECTIVE

- to develop the transport sector in a way that will reflect social needs, accelerate the technological and knowledge development of the Czech Republic, and help increase the competitiveness of the Czech Republic

Specific objectives:

- sustainable, accessible, and safe transport
- automation, digitization and technologically advanced transport
- low-emission and ecological transport

FOCUS

- funding AV and EV project proposals and innovations with the potential for further application in practice
 - emphasis on strengthening cooperation between the research, academic, and private sectors, creating suitable conditions for the commercialization of research results, and their use for the needs of society
- 



ENVIRONMENT FOR LIFE 2 Programme

A programme of the Ministry of the Environment to fund applied research, experimental development, and innovation in the field of the environment, climate protection and sustainable development

TA CR is the provider and implementer of the Programme.

SPECIFIC PROGRAMME OBJECTIVES

- to improve the quality of public administration in the protection of the environment, the climate, in the area of the transition to a circular economy and sustainable development;
- to bring new technological, technical and other solutions so that the Czech Republic belongs to the countries with the least possible environmental threat;
- expand knowledge in key areas of environmental protection, climate, biodiversity, circular economy and sustainable development of society.

SUB-PROGRAMMES

- Innovation and operative research in the public interest
- New solutions for the economy, environment and society
- Environmental and climate challenges in the long term perspective





PRODEF Programme

TA CR is the provider and implementer of the Programme.

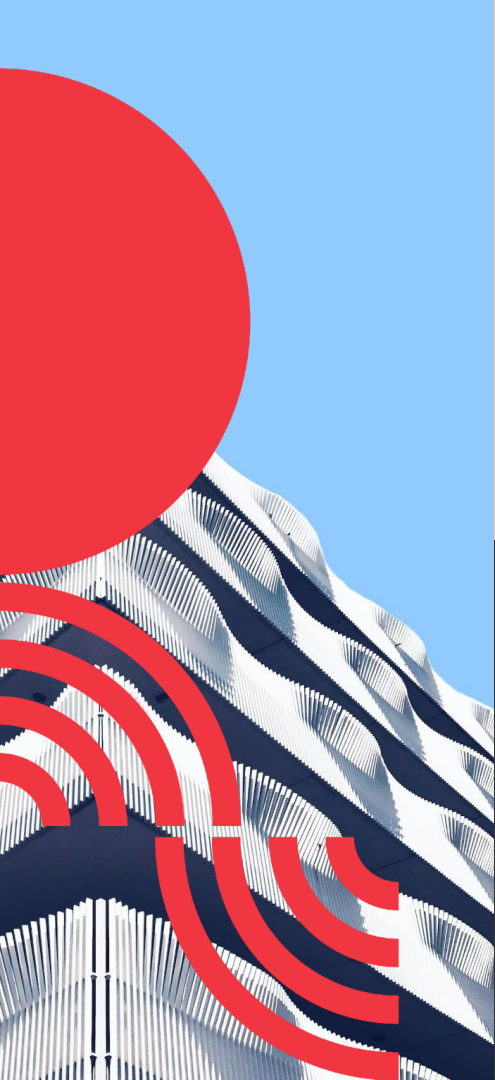
- the programme will especially focused on:
 - development of national R&D in the field of defense industry
 - increasing the involvement of Czech entities in the international consortia
 - strengthening the technological level
 - multidisciplinary increase

SUB-PROGRAMMES

- SP1 - Support of Czech applicants in the EDF calls
 - SP2 - National Calls for Proposal in the area of defense research
- 

**International
cooperation**





KAPPA Programme

is financed from the EEA and Norway Grants and aimed at financing bilateral or multilateral cooperation of entities from the Czech Republic with partners from Norway, Iceland and Liechtenstein.

DELTA 2 Programme

is focused on funding bilateral projects between Czech researchers and their foreign partners, mainly from countries outside the European Economic Area.

Seal of Excellence

supports SME projects that received the Seal of Excellence certificate from the European Commission EIC Accelerator calls (under the Horizon 2020 and Horizon Europe programmes).

ERA-NET COFUND & European Partnerships

TA CR financially supports Czech researchers in multilateral projects through thematic joint calls in selected ERA-NET Cofunds and Partnerships.

SIGMA Programme

Specific objective 4: International collaboration

A new, comprehensive, and long-term instrument to support applied research and innovation projects -> consolidation of several current TA CR programmes into a single programme.

Your experience, opinion, best/bad practice, anything to share

